
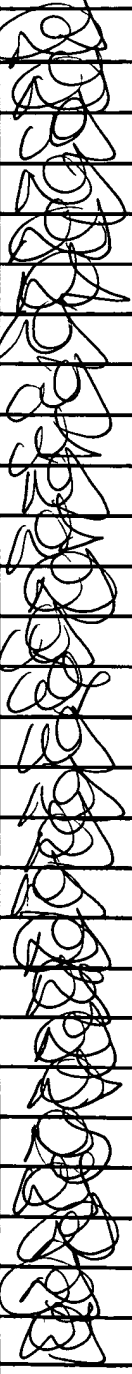


Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office				Atty. Docket No. P23690		Serial No. 10/646,724					
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)						Applicant Hiroshi NOMURA							
						Filing Date August 25, 2003		Group 2851					
U.S. PATENT DOCUMENTS													
EXAMINER INITIAL	YEAR	MONTH	DOCUMENT NUMBER						DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2004	/0	0	4	2	0	9	5	03/04/04	NOMURA			
	2004	/0	0	4	2	0	9	3	03/04/04	NOMURA			
	2004	/0	0	6	2	5	3	6	04/01/04	NOMURA			
	2004	/0	0	5	1	9	6	8	03/18/04	NOMURA			
	2004	/0	0	5	1	9	7	0	03/18/04	NOMURA			
	2004	/0	0	6	2	5	3	7	04/01/04	NOMURA			
	2004	/0	0	5	1	9	7	2	03/18/04	NOMURA			
	2004	/0	0	4	2	0	9	1	03/04/04	NOMURA			
	2004	/0	0	4	2	0	8	9	03/04/04	NOMURA			
	2004	/0	0	5	1	9	7	1	03/18/04	NOMURA			
	2004	/0	0	4	2	7	7	7	03/04/04	NOMURA			
	2004	/0	0	4	2	7	7	8	03/04/04	NOMURA			
	2004	/0	0	5	1	9	6	9	03/18/04	NOMURA			
	2004	/0	0	5	1	9	6	7	03/18/04	NOMURA			
	2004	/0	0	4	2	7	7	5	03/04/04	NOMURA			
	2004	/0	0	4	2	0	9	6	03/04/04	NOMURA			
	2004	/0	0	4	2	0	9	0	03/04/04	NOMURA			
	2004	/0	0	4	2	7	7	6	03/04/04	NOMURA			
	2004	/0	0	5	1	9	8	1	03/18/04	NOMURA			
	2004	/0	0	4	2	0	9	2	03/04/04	NOMURA			
		4	5	2	5	0	5	0	06/25/85	OHASHI			
		4	6	4	3	5	5	5	02/17/87	WAKABAYASHI			
		4	7	2	1	9	7	2	01/26/88	WAKABAYASHI			
		4	7	9	2	8	2	2	12/20/88	AKIYAMA et al.			
		5	8	1	8	6	4	7	10/06/98	NISHIO et al.			
		6	0	3	1	9	9	8	02/29/00	SHONO			
		4	4	5	1	1	2	9	05/29/84	IKARI et al.			
EXAMINER <u>D. Gray</u>										DATE CONSIDERED <u>9/2/09</u>			

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office				Atty. Docket No. P23690		Serial No. 10/646,724					
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)						Applicant Hiroshi NOMURA							
						Filing Date August 25, 2003		Group 2851					
U.S. PATENT DOCUMENTS													
EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4	6	4	3	5	5	4	02/17/87	OGAWA			
		4	7	7	1	3	0	3	09/13/88	MATSUMOTO et al.			
		4	8	8	7	1	0	7	12/12/89	NAKAMURA et al.			
		5	1	3	6	3	2	4	08/04/92	TSUBOI et al.			
		5	7	6	5	0	4	9	06/09/98	HASE et al.			
		5	8	3	2	3	2	6	11/03/98	TANAKA			
		6	3	6	6	3	2	3	04/02/02	SHONO			
		6	1	1	5	1	9	0	09/05/00	HIRAI			
		6	0	6	4	5	3	3	05/16/00	KENIN et al.			
	2003	/0	0	8	1	3	2	5	05/01/03	NOMURA et al.			
	2001	/0	0	2	4	5	7	3	09/27/01	NOMURA et al.			
	2002	/0	1	3	5	9	0	0	09/26/02	NOMURA et al.			
		6	0	7	5	6	5	5	06/13/00	FUNAHASHI			
	2002	/0	1	3	5	9	0	1	09/26/02	NOMURA et al.			
	2003	/0	0	8	1	3	2	7	05/01/03	NOMURA et al.			
	2002	/0	1	3	5	8	9	6	09/26/03	NOMURA et al.			
		6	0	5	5	1	1	6	04/25/00	NOMURA et al.			
		6	2	0	4	9	7	7	03/20/01	IWASA			
		5	4	3	0	5	1	6	07/04/95	UZIIE et al.			
	2003	/0	0	8	1	9	4	8	05/01/03	NOMURA et al.			
	2001	/0	0	1	9	4	5	8	09/06/01	NOMURA et al.			
		4	9	9	3	8	1	5	02/19/91	YAMAZAKI et al.			
		5	7	3	1	9	1	3	03/24/98	IMANARI			
		5	7	3	9	9	6	2	04/14/98	ASAKURA et al.			
	2003	/0	1	5	6	8	3	2	08/21/03	NOMURA et al.			
		5	5	8	7	7	5	4	12/24/96	KATAYAMA et al.			
		6	0	5	2	5	3	5	04/18/00	UNO			
	EXAMINER <u>J. Gray</u>										DATE CONSIDERED <u>9/2/04</u>		

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. P23690		Serial No. 10/646,724	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				Applicant Hiroshi NOMURA			
				Filing Date August 25, 2003		Group 2851	

U.S. PATENT DOCUMENTS													
EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5	2	2	3	8	7	3	06/29/93	TSUBOI			
		5	0	8	6	3	1	2	02/04/92	TANAKA et al.			
		5	4	9	9	1	4	3	03/12/96	SAKAMOTO et al.			
		6	0	6	9	7	4	5	05/30/00	FUJII et al.			
		6	3	2	4	0	1	9	11/27/01	TAKANASHI et al.			
		5	4	8	5	3	1	5	01/16/96	NOMURA et al.			

FOREIGN PATENT DOCUMENTS																
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO			
	58	-	1	4	5	9	3	0	08/31/83	JAPAN						
	61	-	-	6	9	0	0	2	04/09/86	JAPAN						
	61	-	2	7	0	7	3	7	12/01/86	JAPAN						
	63	-	1	4	9	6	2	9	06/22/88	JAPAN						
		64	-	3	4	6	2	3	03/02/89	JAPAN				X		
		6	-	1	8	7	7	7	01/28/94	JAPAN				X		
		7	-	1	9	1	2	4	9	07/28/95	JAPAN					
		11	-	1	0	9	2	0	3	04/23/99	JAPAN					
		58	-	1	0	7	0	8	01/21/83	JAPAN						
		2	3	4	4	6	6	1	06/14/00	UNITED KINGDOM						
		2	2	6	2	3	5	6	06/16/93	UNITED KINGDOM						
		2003	-	2	0	7	7	0	9	07/25/03	JAPAN					
		2	3	0	9	5	5	1	07/30/97	UNITED KINGDOM						
		2	3	4	4	6	6	2	06/14/00	UNITED KINGDOM						
		2	2	6	1	2	9	8	05/12/93	UNITED KINGDOM						
	2002	-	2	7	7	7	1	9	09/25/02	JAPAN						

EXAMINER <u>D. Gray</u>	DATE CONSIDERED <u>9/2/09</u>
-------------------------	-------------------------------

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. P23690		Serial No. 10/646,724						
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				Applicant Hiroshi NOMURA								
				Filing Date August 25, 2003		Group 2851						
U.S. PATENT DOCUMENTS												
EXAMINER INITIAL		DOCUMENT NUMBER			DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE			
FOREIGN PATENT DOCUMENTS												
		DOCUMENT NUMBER			DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO			
	10	-	2	8	2	3	9	4	10/23/98	JAPAN		
	58	-	1	6	2	9	1	4	09/27/83	JAPAN		
	0		6	3	4	6	8	0	01/18/95	E.P.O.		
	10	-	3	2	7	4	0	02/03/98	JAPAN		X	
	7	-	2	8	8	7	2	4	10/31/95	JAPAN		X
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)												
	1	English Language Abstract of JP 58-10708.										
	2	English Language Abstract of JP 2003-207709.										
	3	English Language Abstract of JP 2002-277719.										
	4	English Language Abstract of JP 10-282394.										
	5	English Language Abstract of JP 58-162914.										
EXAMINER		D. Gray				DATE CONSIDERED		9/2/04				
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.												